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non-volatile memory with atomic resolution sto

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[Google Patent Searc](#)"with" is a very common word and was not included in your search. [\[details\]](#)**Patent Search** Patents 1 - 10 of 33 on non-volatile memory with atomic resolution storage. (0.26 secor**Atomic resolution storage device configured as a redundant array of independent storage devices**

US Pat. 6671778 - Filed Aug 3, 2001 - Hewlett-Packard Development Company, L.P.

Each **atomic resolution storage** device is a **non-volatile memory** component including a plurality of electron emitters, a medium having medium partitions, ...**Atomic resolution storage device**

US Pat. 7027380 - Filed May 2, 2002 - Hewlett-Packard Development Company, L.P.

3 4 Each **atomic resolution storage** device used in the present In one ...published defined as a **non-volatile memory storage** device or compo- 5 ductor ...**Memory module hybridizing an atomic resolution storage (ARS) memory and a magnetic memory**

US Pat. 6862206 - Filed Dec 19, 2003 - Hewlett-Packard Development Company, L.P.

4 is a block diagram illustrating a computer or **Storage Cells**," which is incorporated ... 26, 2002, entitled "**Non-Volatile Memory**," which is a system that ...**Memory matrix and method of operating the same**

US Pat. 6957313 - Filed Nov 30, 2001

Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory** or **atomic resolution storage** technology ...**Swallowable data recorder capsule medical device**

US Pat. 6800060 - Filed Sep 16, 2003 - Hewlett-Packard Development Company, L.P.

The **atomic resolution storage** device **memory** used in the swallowable data ... **memory** as used herein is defined as a **non-volatile memory storage** device ...**Swallowable data recorder capsule medical device**

US Pat. 6632175 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

The **atomic resolution storage** device **memory** used in the swallowable data ... **memory** as used herein is defined as a **non-volatile memory storage** device ...**PROCESSING DEVICE**

US Pat. 7103379 - Filed Feb 3, 2003 - Hewlett

The wearable badge of claim 11, wherein the **non-volatile memory** comprises at least ... magnetic random access **memory** (MRAM), and **atomic resolution storage** (...**Real time local and remote management of data files and directories and method of operating the same**

US Pat. 6745310 - Filed Nov 30, 2001

55 Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory** or **atomic resolution storage** ...

Switched multi-channel network interfaces and real-time streaming backup

US Pat. 6754785 - Filed Nov 30, 2001

Alternatively, **non-volatile storage** devices 425 can include devices or systems using holographic, molecular **memory** or **atomic resolution storage** technology ...

Internal drug dispenser capsule medical device

US Pat. 6929636 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

It is to be understood that other embodi- The **atomic resolution storage** device ... a biologic condition and internally dispenses **non-volatile memory storage** ...

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Patent Search Patents 11 - 20 of 33 on non-volatile memory with atomic resolution storage. (0.02 sec)

Two-dimensional structural transition controlled by an electric field, memory storage device thereof, and method of making a memory storage device

US Pat. 6947311 - Filed Jun 9, 2004 - University of Basel

Depending on the roughness of the atomic surface potential, ... Al. "Non-volatile memory device" describes a liquid crystal that is heated by a pair of ...

Solid-state mass memory storage device

US Pat. 6404647 - Filed Aug 24, 2000 - Hewlett-Packard Co.

1 illustrates a mass memory storage 20 device constructed in accordance with the ... of the present invention which uses atomic resolution storage (ARS). ...

Adjustable current mode differential amplifier for multiple bias point sensing of MRAM having diode isolation

US Pat. 6754123 - Filed Oct 1, 2002 - Hewlett-Packard Development Company, LP.

In contrast, a non-volatile memory array, such as a cross-point array, ... to tens of nanometers, sometimes referred to as atomic resolution storage. ...

Adjustable current mode differential amplifier for multiple bias point sensing of MRAM having equi-potential isolation

US Pat. 6674679 - Filed Oct 1, 2002 - Hewlett-Packard Development Company, L.P.

In contrast, a non-volatile memory array, such as a cross-point array, ... to tens of nanometers, sometimes referred to as atomic resolution storage. ...

Adjustable current mode differential amplifier

US Pat. 6590804 - Filed Jul 16, 2002 - Hewlett-Packard Development Company, L.P.

In contrast, a non-volatile memory array, such as a cross-point array, ... to tens of nanometers, sometimes referred to as atomic resolution storage. ...

Spare data site allocation

US Pat. 7055013 - Filed Oct 20, 2003 - Hewlett-Packard Development Company, L.P.

MRAM (magnetic random access memory), flash memory, atomic resolution ... MRAM is a non-volatile memory usable for short-term 20 and long-term data storage. ...

Personality module for configuring a vehicle

US Pat. 6615123 - Filed Dec 1, 2000 - Hewlett-Packard Development Company, L.P.

Certain types of memories, such as an atomic resolution storage memory, can store a large ... CD-ROM drive or other types of non-volatile data storage. ...

Semiconductor storage device

US Pat. 7002820 - Filed Jun 17, 2004 - Hewlett-Packard Development Company, L.P.

One such device, an atomic resolution storage device, includes mul-tiple electron ... There is a need for a non-volatile semiconductor storage device, ...

Conflict **resolution** for collaborative work system

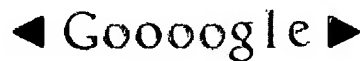
US Pat. 6938070 - Filed Dec 17, 2001 - Dassault Systemes

Storage devices suitable for tangibly embodying computer program instructions and data include all forms of **non-volatile memory**, including by way of ...

Processing complex regions of illustration artwork

US Pat. 6894704 - Filed Nov 22, 1999 - Adobe Systems Incorporated

The use of a low-**resolution** off-screen raster to make quick estimations of ... (including volatile and **non-volatile memory** and/or **storage** elements), ...



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Patent Search Patents 1 - 10 of 28 on **atomic resolution storage with emitter micromover**. (0.09 seconds)

Atomic resolution storage device

US Pat. 7027380 - Filed May 2, 2002 - Hewlett-Packard Development Company, L.P.

Each **atomic resolution storage** device includes a plu-, In one embodiment shown in FIG. 1, each electron **emitter** small **storage** area and requiring very low ...

Atomic resolution storage device configured as a redundant array of independent storage devices

US Pat. 6671778 - Filed Aug 3, 2001 - Hewlett-Packard Development Company, L.P.

To address a **storage** area, one activates the **emitter** responsible for that **storage** area and moves that **emitter** by **micromover** 110 (shown in FIG. ...

System modules with atomic resolution storage memory

US Pat. 6728127 - Filed Dec 23, 2002 - Hewlett-Packard Development Company, L.P.

To address a **storage** area 406, the **emitter** 402 responsible for that **storage** area is 40 activated and is displaced with the **micromover** 408 (FIG. ...

System modules with atomic resolution storage memory

US Pat. 6522566 - Filed Dec 1, 2000 - Hewlett-Packard Company

To address a **storage** area 406, the **emitter** 402 responsible for that **storage** area is activated and is displaced with the **micromover** 408 (FIG. ...

Storage device having a resistance measurement system

US Pat. 7085151 - Filed Jan 13, 2004 - Hewlett-Packard Development Company, L.P.

In another embodiment, the **micromover** is coupled to an electron **emitter** and to the corresponding medium is held stationary. Each **atomic resolution storage** ...

Portable scanning apparatus having high storage capacity

US Pat. 6775034 - Filed Oct 11, 2000 - Hewlett-Packard Development Company, L.P.

3 through 6 disclose one embodiment of an **atomic resolution storage** device ...
20 **Micromover** scans **storage** medium 106 with respect to the field emitters or ...

SUPPLEMENTARY ENERGY SOURCES FOR ATOMIC

US Pat. 7102983 - Filed Oct 30, 2001 - Hewlett

15, 2001 and to US Patent Application to Gary Gibson entitled "SUPPLEMENTARY ENERGY SOURCES FOR ATOMIC RESOLUTION STORAGE MEMORY DEVICES", ...

Memory module hybridizing an atomic resolution storage (ARS) memory and a magnetic memory

US Pat. 6862206 - Filed Dec 19, 2003 - Hewlett-Packard Development Company, L.P.

In one embodiment, **micromover** 210 of mover wafer 208 includes various ...

Writing of data from an **emitter** 204 to a **storage** area is accomplished by ARS ...

Swallowable data recorder capsule medical device

US Pat. 6632175 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.
In one preferred embodiment, memory 56 is an **atomic resolution storage** device
... a number of **storage** areas, such as **storage** area 108, and **micromover**. ...

Swallowable data recorder capsule medical device

US Pat. 6800060 - Filed Sep 16, 2003 - Hewlett-Packard Development Company, L.P.
In one preferred embodiment, memory 56 is an **atomic resolution storage** ...
micromover scans **storage** medium 106 to different locations, each **emitter** is ...

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Patent Search Patents 11 - 20 of 28 on **atomic resolution storage with emitter micromover**. (0.03 seconds)Internal drug dispenser capsule medical device

US Pat. 6929636 - Filed Nov 8, 2000 - Hewlett-Packard Development Company, L.P.

For a further discussion of an **atomic resolution storage** device, see US Pat.No. ... **storage** area and moves that **emitter** by **micromover** 110 (shown in FIG. ...Connection arrangements for electrical devices having a ledge on which contact terminals are provided

US Pat. 6916182 - Filed Mar 3, 2004 - Hewlett-Packard Development Company, L.P.

comprises an **atomic resolution storage** (ARS) device. FIGS. ... As the **micromover**110 scans the medium 106 to different locations, each **emitter** 102 is ...Upgradable storage system

US Pat. 6310794 - Filed Nov 9, 2000 - Hewlett-Packard Co.

Preferably however, each memory device 14 comprises an **atomic resolution** ...6A, each field **emitter** 102 is associated with a corresponding **storage** area 108. ...System and method for controlling movement

US Pat. 6911792 - Filed May 20, 2003 - Hewlett-Packard Development Company, L.P.

... primarily in the context of an **atomic resolution storage** (ARS) device. ...Each field **emitter** 102, 104 may correspond to one or more **storage** areas 108 ...Apparatus and method for detecting and storing information relating to an animal

US Pat. 6402692 - Filed Sep 19, 2000 - Hewlett-Packard Co.

c. v. r. i further discussion of an **atomic resolution storage** ... are knownin the storage areas such as storage area 108' and **micromover** 110. art. ...Packaging for storage devices using electron emissions

US Pat. 6590850 - Filed Mar 7, 2001 - Hewlett-Packard Development Company, L.P.

These developments have created an enormous demand for new **storage** technologies... to tens of nanometers, referred to as **atomic resolution storage** (ARS). ...Ultra-high density storage device with resonant scanning micromover

US Pat. 6735163 - Filed Mar 2, 2001 - Hewlett-Packard Development Company, L.P.

A **micromover** causes a periodic change in the relative positions between the field**emitter** and the **storage** medium, thereby generating a periodic field ...Semiconductor storage device

US Pat. 7002820 - Filed Jun 17, 2004 - Hewlett-Packard Development Company, L.P.

One such device, an **atomic resolution storage** device, includes multiple ...52 encloses tip electrodes 40 and 42, **storage** media 44, and **micromover** 50. ...Pressure sensor with two membranes forming a capacitor

US Pat. 6662663 - Filed Apr 10, 2002 - Hewlett-Packard Development Company, L.P.

... over the integrated with an **Atomic Resolution Storage** (ARS) device. ...
the top or **emitter** substrate (142) is the drawing. now bonded to the structure. ...

Pressure sensor and method of making the same having membranes forming a capacitor

US Pat. 7004034 - Filed Sep 18, 2003 - Hewlett-Packard Development Company, L.P.

1 is integrated with an **Atomic Resolution Storage** (ARS) device. ... The ARS device includes an **emitter** cavity (145) that exposes the rotor wafer (143) to ...



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Patent Search Patents 21 - 28 of 28 on atomic resolution storage with emitter micromover. (0.15 seconds)Data storage module suspension system having primary and secondary flexures

US Pat. 6996051 - Filed Apr 29, 2002 - Hewlett-Packard Development Company, L.P.

Some examples are Scanned Probe Microscopy (SPM), Atomic Force Microscopy, ...

... Thus, each emitter can access information from a number of storage areas ...

Ultra-high density storage device

US Pat. 5557596 - Filed Jul 12, 1995

Just like the field emitters, the micromover is made by semiconductor ... Thus,

each emitter can access information from a number of storage areas on the ...

Accelerometer using field emitter technology

US Pat. 6791931 - Filed Mar 16, 2001 - Hewlett-Packard Development Company, L.P.

2 is a diagram illustrating a field emitter reading from storage areas in one

embodiment ... incorporating a micromover according to the present invention. ...

High density data storage module

US Pat. 6822933 - Filed Mar 28, 2002 - Hewlett-Packard Development Company, L.P.

The storage medium has many storage areas, and the field emitters are spaced

apart to have one emitter responsible for a number of storage areas on the ...

High density data storage module

US Pat. 6925047 - Filed Mar 28, 2002 - Hewlett-Packard Development Company, L.P.

Some examples are Scanned Probe Microscopy (SPM), Atomic Force Microscopy, ...

Thus, each emitter can access information from a number of storage areas on ...

Electronic device sealed under vacuum containing a getter and method of operation

US Pat. 7042075 - Filed Dec 19, 2002 - Hewlett-Packard Development Company, L.P.

Preferably, vacuum device 130 is an electron emitter device commonly referred to

... atomic resolution storage systems and micro-electro-mechanical systems ...

Electronic device sealed under vacuum containing a getter and method of operation

US Pat. 6534850 - Filed Apr 16, 2001 - Hewlett-Packard Company

Preferably, vacuum device 130 is an electron emitter device commonly referred to

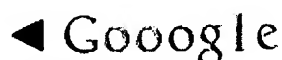
... atomic resolution storage systems and micro-electro-mechanical systems ...

Ultra-high density storage device with electron beam steering

US Pat. 6930971 - Filed Jun 26, 2001 - Hewlett-Packard Development Company, L.P.

A storage medium is located in close proximity to the field emitter with the ...

a micromover can be used to move the storage medium and a read/write ...

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